

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #28—November 19, 2007

Work Completed: November 8-November 14, 2007

- Completed excavating soil and sediment at Removal Area 7.
- Began excavating sediment downstream of the water control structure in preparation for the installation of erosion protection measures.
- Began excavating and grading embankment material near the Plainwell Dam. Began demolition of the former powerhouse's concrete foundations.
- Completed dewatering and operating the 500 gallon per minute (gpm) treatment system at the Phase 1 Cofferdam Area. Began decontamination and removal of the 500 gpm treatment system.
- Continued loading and transporting solidified non-TSCA material from Staging Areas 3S and 5S to Allied Waste's C&C landfill in Marshall, Michigan. Continued solidifying excavated soil and sediment from the Phase 1 Cofferdam Area and Removal Area 7 at Staging Areas 3S and 5S.
- Continued surveying and performing sampling and analysis of excavated portions of Removal Area 7, the Phase 1 Cofferdam Area, and the Plainwell Dam embankment.
- Continued installing cross-bracing, beams, and decking at the water control structure.
- Continued turbidity monitoring of the Kalamazoo River to support removal activities.

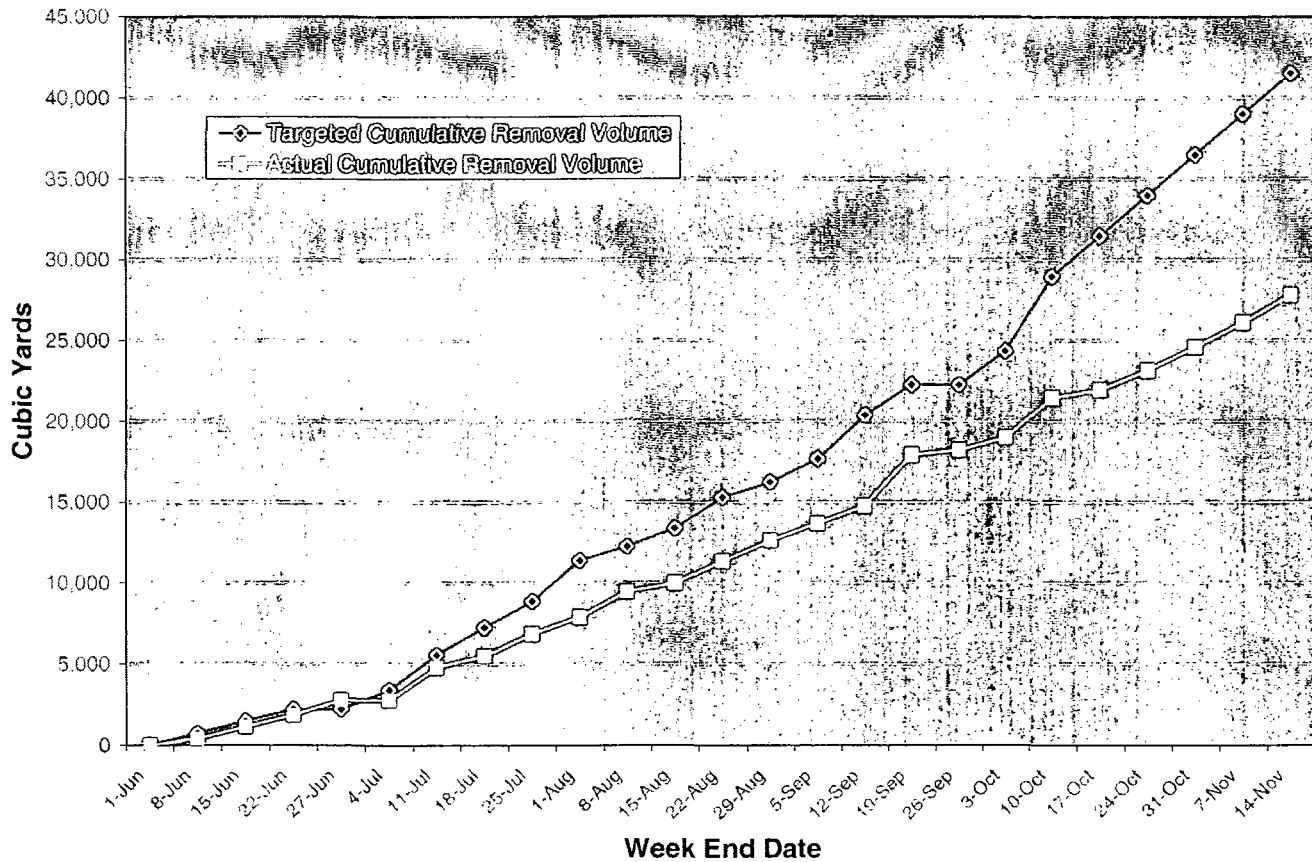
Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0	245	7
Total to Date	2,345	67	21,980	628

** All values are unofficial, estimated quantities, subject to revision/verification.

Work Planned: November 15-November 21, 2007

- Continue excavating sediment downstream of the water control structure in preparation for the installation of downstream erosion protection measures. Begin installing gabion baskets immediately downstream of the water control structure.
- Continue excavating and grading of embankment material near the Plainwell Dam. Continue concrete demolition of former powerhouse foundations.
- Continue decontamination and removal of the 500 gpm treatment system.
- Continue loading and transporting solidified non-TSCA material from Staging Areas 3S and 5S to Allied Waste's C&C landfill in Marshall, Michigan (pending the landfill's authorization to resume acceptance of project waste). Continue solidifying excavated soil and sediment at Staging Areas 5S.
- Continue surveying and performing sampling and analysis of excavated portions of Removal Area 7, the Phase 1 Cofferdam Area, and the Plainwell Dam embankment.
- Continue installing a catwalk, stop logs, and concrete at the water control structure.
- Continue turbidity monitoring of the Kalamazoo River to support removal activities.

Removal Progress

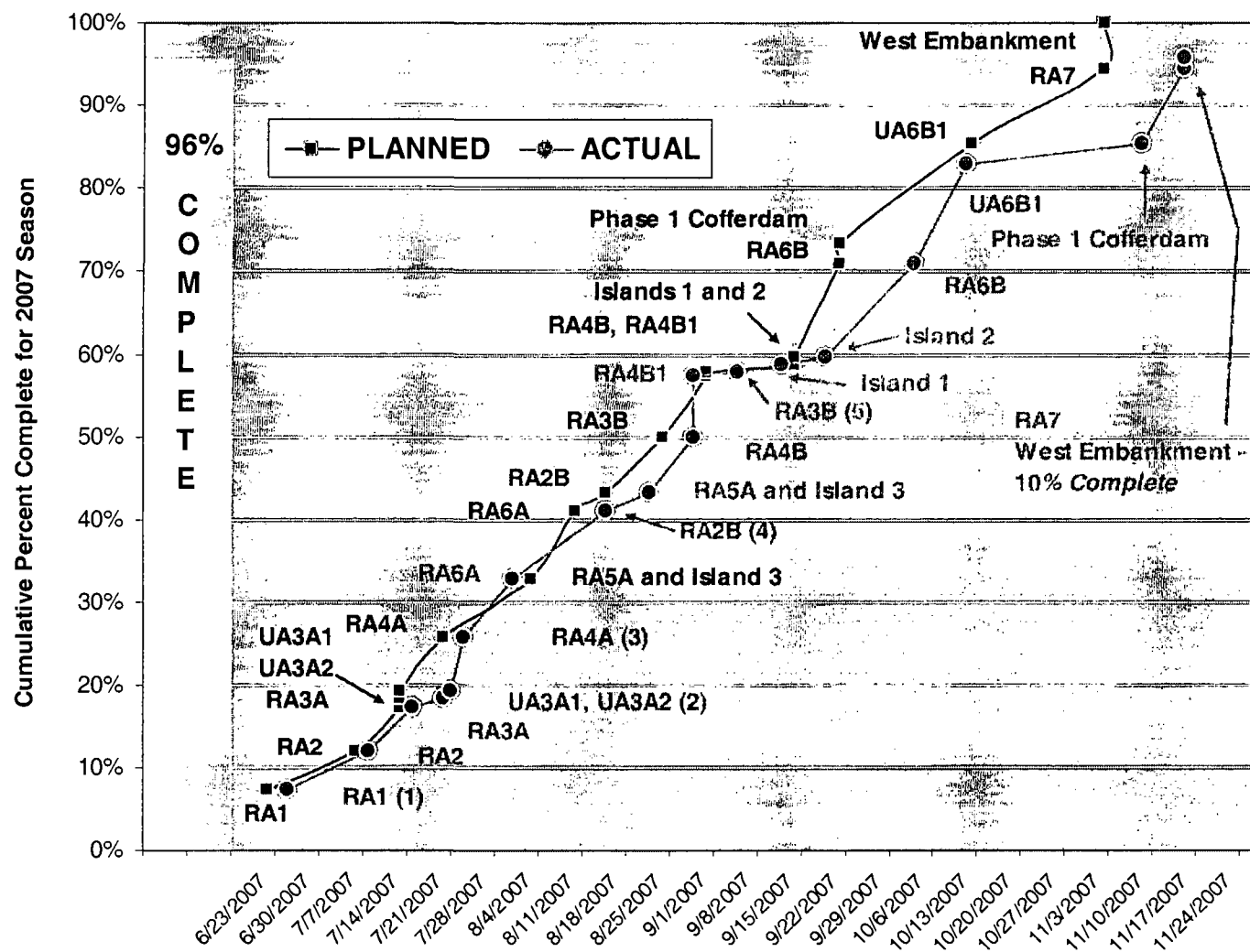


Notes

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress



Health & Safety Update

- 4 Loss Prevention Observations (LPOs) were completed this week.
A total of 86 LPOs have been completed for the project to date.
- The power lines at the Plainwell Dam remain de-energized.

Weather Summary

- None

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 166,000 gallons
Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☒ Yes ☐ in Removal Area(s):
Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- The KRSG and ARCADIS continue to examine alternatives to address waste flow restrictions at the C&C landfill facility.

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Equipment on Site

Equipment	11/8/07	11/9/07	11/10/07	11/11/07	11/12/07	11/13/07	11/14/07
Komatsu PC-300 Excavator	2	2	2	2	2	2	2
Komatsu PC-300 HD Long Reach	1	1	1	1	1	1	1
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	2	2	2	2	2	2	2
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	1	1	1	1	1	1	1
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	1	1	1	1	1	1	1
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	11/8/07	11/9/07	11/10/07	11/11/07	11/12/07	11/13/07	11/14/07
Terra Contracting Staff	20	20			20	20	20
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Mike Ribordy/USEPA OSC	X						
Lori Muller/USEPA							
Craig Thomas/USEPA							
Paul Bucholtz/MDEQ						X	
John Bradley/MDEQ							
John Lerg/MDNR							X
Weston Contractors	1	1			1	1	1
CDM Contractors	1	1					2
Chase Fortenberry/KRSG							
Doug Cowin/ARCADIS BBL	X						
Adam Chwalibog/ARCADIS BBL	X	X				X	X
Eric Hritsuk/ARCADIS BBL							X
Rich Price/ARCADIS BBLES						X	X
Matt Bowman/ARCADIS BBLES							X
EJ Suardini/ARCADIS BBLES	X	X			X	X	
Mike Kohagen/ARCADIS BBLES	X	X					X
Michelle Rumler/ARCADIS BBL	X	X			X	X	X
Joe Willoughby/ARCADIS BBLES	X	X			X	X	
Nick Harmer/ARCADIS BBL	X				X	X	X
<i>Other Subcontractors (Specify)</i>							
Schrader (Treatment System)	1	1			1		1
King Construction (WCS/cofferdam)	4	4			4	4	4

Photos from Week #28



*Loading and hauling sediment from
the Phase 1 Cofferdam Area.*



*The 500 gallon per minute treatment system at
the Plainwell Dam.*



Installing beams and decking at the water control structure.



*Breaking concrete from the former powerhouse at
the Plainwell Dam.*

